

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended): A method comprising:

receiving a digital broadband broadcast transmission, wherein said transmission is arranged to send information in bursts utilizing at least a part of the transmission channel bandwidth,

providing a descriptor arranged to identify at least one of said bursts and further arranged to identify additional information stored in at least one of a network information table, program map table and IP/MAC notification table,

detecting said at least one burst based on said descriptor, and

switching at least part of a receiver on/off in accordance with said at least one burst for saving power based on said descriptor.

2. (Previously Presented): A method according to claim 1, wherein the step of detecting further comprises separating said digital broadband transmission based on said provided information to said parts fitting for saving the power in the receiver and parts not fitting for saving the power in the receiver.

3. (Previously Presented): A method according to claim 1, wherein at least one of said bursts comprises a time sliced elementary stream, and said method further comprises identifying at least one time sliced elementary stream carried over a broadband network.

4. (Previously Presented): A method according to claim 1, wherein said descriptor includes information on a size of a service session contained in said at least one burst of the digital broadband transmission, and said method further comprises:

comparing available memory in the receiver to said size, and

switching at least part of the receiver on/off based on a result obtained in said comparison.

5. (Previously Presented): A method according to claim 1, wherein the step of switching comprises

switching the receiver functionally on during relevant bursts of the digital broadband transmission relating to a uniform data concept, and
switching the receiver at least partly off otherwise.

6. (Original): A method according to claim 1, wherein the digital broadband transmission is at least partly adapted to fit a principle wherein the receiver is functionally on during cyclical relevant bursts of the digital broadband transmission relating to a same service and at least partly off otherwise.

7. (Previously Presented): A method according to claim 1, wherein said bursts comprise at least one of elementary streams of the digital broadband transmission and transport streams referred to in a network information table.

8. (original): A method according to claim 1, wherein said digital broadband transmission at least partly comprises a time slice data broadband transmission.

9. (Cancelled)

10. (Currently Amended): A method according to ~~claim 9~~claim 1, wherein the descriptor is adapted to specify maximum number of bits per a service session that the digital broadband transmission is providing within a burst of the digital broadband transmission.

11. (Original): A method according to claim 10, wherein IP data streams contained in at least one elementary stream are transmitted in accordance with time slicing broadband transmission.

12. (Original): A method according to claim 10, wherein the receiver is adapted to fit a memory usage of the receiver in accordance with the service session.

13. (Previously Presented): A method according to claim 1, wherein the method further comprises step of limiting a size of said at least one burst of the digital broadband transmission per a service session of the digital broadband transmission.

14. (Previously Presented): A method according to claim 1, wherein the step of providing said descriptor comprises indicating a maximum burst duration.

15. (Previously Presented): A method according to claim 14, wherein said power saving is applicable, if a remainder of said at least one burst is lost.

16. (Previously Presented): A method according to claim 1, wherein the descriptor is arranged to indicate a version of a time slice data broadband transmission.

17. (Previously Presented): A method according to claim 1, wherein the descriptor is arranged to indicate that an elementary stream contained within transport stream is not transmitted in accordance with time slice data broadband transmission of the digital broadband transmission.

18. (Original): A method according to claim 16, wherein a broadband network of the digital broadband transmission is adapted to operate at multiprotocol encapsulation level and transmission stream level simultaneously with the different versions.

19. (Previously Presented): A method according to claim 1, wherein the descriptor is arranged to indicate, to the receiver, a tolerance for a timing for a reception of said at least one burst of the digital broadband transmission.

20. (Previously Presented): A method according to claim 1, wherein said descriptor is provided in SI/PSI tables of the digital broadband transmission.

21. (Previously Presented) A method according to claim 20, wherein said descriptor is provided in a network information table for providing information per each transport stream of the digital broadband transmission.

22. (Previously Presented): A method according to claim 20, wherein said descriptor is provided in a program map table for providing information per each elementary stream.

23. (Previously Presented): A method according to claim 20, wherein said descriptor is provided in a IP/MAC notification table for providing information per each elementary stream carrying at least one IP/MAC stream of the digital broadband transmission.

24. (Previously Presented): A method according to claim 23, wherein said descriptor is contained in the IP/MAC notification table for reducing a bandwidth of the digital broadband transmission.

25. (Original): A method according to claim 1, wherein the digital broadband transmission comprises a multi-carrier signal transmission.

26. (Currently Amended): A method according to claim 1, wherein the digital broadband transmission comprises ~~DVB~~ digital video broadcasting transmission.

27. (Currently Amended): A method according to claim 26, wherein the ~~DVB~~ digital video broadcasting transmission comprises a terrestrial digital video broadcasting ~~DVB-T~~ transmission.

28. (original): A method according to claim 1, wherein the digital broadband transmission comprises a wireless digital broadband transmission.

29. (Currently Amended): A method according to claim 28, wherein the wireless digital transmission comprises a mobile terrestrial digital video broadcasting~~DVB-T~~ transmission.

30. (Currently Amended): A method comprising:

transmitting a digital broadband broadcast transmission, wherein said transmission is arranged to send information in bursts utilizing at least a part of the transmission channel bandwidth,

providing a descriptor arranged to identify at least one of said bursts and further arranged to identify additional information stored in at least one of a network information table, program map table and IP/MAC notification table, wherein the descriptor is arranged to categorise said bursts for an identification in a receiver, and

categorising said at least one burst based on said descriptor for switching at least part of the receiver on/off in accordance with said descriptor.

31. (Cancelled)

32. (Previously Presented): A method according to claim 30, wherein at least one of said bursts comprises a time sliced elementary stream, and said method further comprises identifying at least one time sliced elementary stream carried over a broadband network.

33. (Previously Presented): A method according to claim 30, wherein consecutive bursts are arranged to relate to a different service.

34. (Previously Presented): A method according to claim 30, wherein bursts are arranged to be transmitted sequentially so that each burst within a sequence defines a different service.

35. (Previously Presented): A method according to claim 30, wherein said bursts comprise at least one of elementary streams of the digital broadband transmission and transport streams

referred to in a network information table.

36. (Original): A method according to claim 30, wherein said transmission at least partly comprises time slice data broadcast transmission.

37. (Previously Presented): A data processing system comprising a circuitry configured to carry out the steps of the method according to claims 1 or 30.

38. – 41. (Canceled).

42. (Currently Amended): A system comprising:

a circuitry configured to provide a digital broadband broadcast transmission, wherein said transmission is arranged to send information in bursts utilizing at least a part of the transmission channel bandwidth,

a circuitry configured to provide a descriptor arranged to identify at least one of said bursts and further arranged to identify additional information stored in at least one of a network information table, program map table and IP/MAC notification table,

a circuitry configured to detect said at least one burst based on said descriptor, and
a circuitry configured to switch at least part of a receiver on/off in accordance with said at least one burst for saving power based on said descriptor.

43. (Previously Presented): A system according to claim 42, wherein the circuitry configured to detect further comprises a circuitry configured to separate said digital broadband transmission based on said descriptor to parts fitting for saving the power in the receiver and parts not fitting for saving the power in the receiver.

44. (Previously Presented): A system according to claim 42, wherein the bursts comprise at least one of elementary streams of the digital broadband transmission and transport streams referred to

in a network information table.

45. (Original): A system according to claim 42, wherein the digital broadband transmission at least partly comprises a time slice data broadband transmission.

46. (Previously Presented): A system according to claim 42, wherein at least one of said bursts comprises a time sliced elementary stream, and said system further comprises a circuitry configured to identify at least one time sliced elementary stream carried over a broadband network.

47. (Previously Presented): A system according to claim 42, wherein said descriptor includes information on a size of a service session contained in said at least one burst of the digital broadband transmission, and said system further comprises:

- a circuitry configured to compare available memory in the receiver to said size, and
- a circuitry configured to switch at least part of the receiver on/off based on a result obtained in said comparison.

48. (Currently Amended): A receiver comprising:

- a circuitry configured to receive a digital broadband broadcast transmission, wherein said transmission is arranged to send information in bursts utilizing at least a part of the transmission channel bandwidth,

- a circuitry configured to provide a descriptor arranged to identify at least one of said bursts and further arranged to identify additional information stored in at least one of a network information table, program map table and IP/MAC notification table,

- a circuitry configured to detect said at least one burst based on said descriptor, and
- a circuitry configured to switch at least part of a receiver on/off in accordance with said at least one burst for saving power based on said descriptor.

49. (Previously Presented): A receiver according to claim 48, wherein the circuitry configured to detect further comprises a circuitry configured to separate said digital broadband transmission based on said provided information to said bursts fitting for saving the power in the receiver and parts not fitting for saving the power in the receiver.

50. (Previously Presented): A receiver according to claim 48, wherein said bursts comprise elementary streams of the digital broadband transmission, or transport streams referred to in a network information table.

51. (Original): A receiver according to claim 48, wherein the digital broadband transmission at least partly comprises time slice data broadcast transmission.

52. (Currently Amended): A receiver according to claim 48, wherein the receiver further comprises a mobile terrestrial digital video broadcasting ~~DVB-T~~ receiver.

53. (Original): A receiver according to claim 52, wherein the receiver further comprises a mobile station for interaction with the digital broadcast transmission.

54. (Previously Presented): A receiver according to claim 48, wherein said at least one burst comprise a time sliced elementary stream, and said receiver further comprises a circuitry configured to identify at least one time sliced elementary stream carried over a broadband network.

55. (Previously Presented): A receiver according to claim 48, wherein said descriptor includes information on a size of a service session contained in said at least one burst of the digital broadband transmission, and said receiver further comprises:

a circuitry configured to compare available memory in the receiver to said size, and

a circuitry configured to switch at least part of the receiver on/off based on a result obtained in said comparison.

56. (Currently Amended): A transmitter comprising:

a circuitry configured to transmit a digital broadband broadcast transmission, wherein said transmission is arranged to send information in bursts utilizing at least a part of the transmission channel bandwidth, comprising:

a circuitry configured to provide a descriptor arranged to identify at least one of said bursts and further arranged to identify additional information stored in at least one of a network information table, program map table and IP/MAC notification table, and

a circuitry configured to categorise said bursts based on said descriptor for switching at least part of a receiver on/off in accordance with said at least one burst for saving power in the receiver.

57. (Cancelled)

58. (Previously Presented): A transmitter according to claim 56, wherein said bursts comprise one of elementary streams of the digital broadband transmission and transport streams referred to in a network information table.

59. (Original): A transmitter according to claim 56, wherein the digital broadband transmission at least partly comprises time slice data broadcast transmission.

60. (Previously Presented): A transmitter according to claim 56, wherein at least one of said bursts comprises a time sliced elementary stream, and said transmitter further comprises a circuitry configured to categorize at least one time sliced elementary stream carried over a broadband network.

61. (Previously Presented): A transmitter according to claim 56, wherein said descriptor includes information on a size of a service session contained in a burst of the digital broadband transmission, and said transmitter further comprises:

a circuitry configured to adapt the receiver to compare available memory in the receiver to said size, and to switch at least part of the receiver on/off based on a result obtained in said comparison.